

State of Colorado
Energy & Carbon Management Commission

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SUNDRY NOTICE

This form is required for reports, updates, and requests as specified in the ECMC rules. It is also used to request changes to some aspects of approved permits for Wells and Oil and Gas Locations.

ECMC Operator Number:	<u>96850</u>	Contact Name	<u>MELISSA LUKE</u>
Name of Operator:	<u>TEP ROCKY MOUNTAIN LLC</u>	Phone:	<u>(970) 263-2721</u>
Address:	<u>1058 COUNTY ROAD 215</u>	Fax:	<u>()</u>
City:	<u>PARACHUTE</u>	State:	<u>CO</u>
Zip:	<u>81635</u>	Email:	<u>MLUKE@TERRAEP.COM</u>

FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 103 12675 00 ID Number: 486598

Name: Federal RG Number: 943-24-299D

Location QtrQtr: SENW Section: 24 Township: 2S Range: 99W Meridian: 6

County: RIO BLANCO Field Name: SULPHUR CREEK

Oil & Gas Location(s) and Oil & Gas Development Plan (OGDP) Information

Location(s)

Location ID	Location Name and Number
486086	Federal RG 22-24-299

OGDP(s)

OGDP ID	OGDP Name
485406	Federal RG 22-24-299

WELL LOCATION CHANGE OR AS-BUILT GPS REPORT

☐ Change of Location for Well * ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

* Well Location Change requires a new Plat.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude Longitude

GPS Quality Value: Type of GPS Quality Value: Measurement Date:

Well Ground Elevation: feet (Required for change of Surface Location.)

WELL LOCATION CHANGE

Well plan is: (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From**:

Change of **Surface** Footage **To**:

Current Surface Location From	QtrQtr	<u>SENW</u>	Sec	<u>24</u>	Twp	<u>2S</u>	Range	<u>99W</u>	Meridian	<u>6</u>
New Surface Location To	QtrQtr		Sec		Twp		Range		Meridian	

FNL/FSL		FEL/FWL	
<u>2303</u>	<u>FNL</u>	<u>2297</u>	<u>FWL</u>

Change of **Top of Productive Zone** Footage **From:**

1347 FSL

1318 FEL

Change of **Top of Productive Zone** Footage **To:**

**

Current **Top of Productive Zone** Location

Sec 24

Twp 2S

Range 99W

New **Top of Productive Zone** Location

Sec

Twp

Range

Change of **Base of Productive Zone** Footage **From:**

FSL

FEL

Change of **Base of Productive Zone** Footage **To:**

**

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

Change of **Bottomhole** Footage **From:**

1347 FSL

1318 FEL

Change of **Bottomhole** Footage **To:**

**

Current **Bottomhole** Location

Sec 24

Twp 2S

Range 99W

** attach deviated drilling plan

New **Bottomhole** Location

Sec

Twp

Range

SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: Feet

Building Unit: Feet

Public Road: Feet

Above Ground Utility: Feet

Railroad: Feet

Property Line: Feet

INSTRUCTIONS:

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

SUBSURFACE MINERAL SETBACKS

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? _____

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: _____ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: _____ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: _____ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: _____ Feet

Exception Location

☐ If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. _____

LOCATION CHANGE COMMENTS

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>	Add	Modify	No Change	Delete
ILES	ILES						X	
WILLIAMS FORK	WMFK						X	

OTHER☐ **RULE 502 VARIANCE**

Order Number: _____

Description: ☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment☐ **CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGD**From: Name FEDERAL RG Number 943-24-299D Effective Date: _____

To: Name Number _____

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled.☐ PIT: Abandon Earthen Pit Permit (Form 15) – ECOM Pit Facility ID Number _____ has not been constructed (Permitted and constructed pit requires closure per Rule 911)☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number _____ has not been constructed (Constructed facility requires closure per Rule 907)

OIL & GAS LOCATION ID Number: _____

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**☐ **REQUEST FOR WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))**☒ **DIGITAL WELL LOG UPLOAD**☐ **DOCUMENTS SUBMITTED** Purpose of Submission: _____☐ **COMPLIANCE with CONDITION OF APPROVAL (COA) on** Form NO: _____ Document Number: _____**RECLAMATION****INTERIM RECLAMATION**☐ Interim Reclamation will commence approximately _____

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.
Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.**Field inspection will be conducted to document Rule 1003.e. compliance****FINAL RECLAMATION**☐ Final Reclamation will commence approximately _____

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

- ☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

Field inspection will be conducted to document Rule 1004.c. compliance

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

☐ **REPORT OF TEMPORARY ABANDONMENT**

Describe the method used to ensure that the Well is closed to the atmosphere and the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(1).

☐ **REQUEST FOR TEMPORARY ABANDONMENT EXCEEDING 6 MONTHS**

State the reason for the extension request and explain the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(3).

Date well temporarily abandoned _____

Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required. Date of last MIT _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☒ **NOTICE OF INTENT/REQUEST FOR APPROVAL** Approximate Start Date 08/08/2024

☐ **SUBSEQUENT REPORT** Date of Activity _____

- | | | |
|---|--|--|
| <input type="checkbox"/> Bradenhead Plan | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement |
| <input type="checkbox"/> Change Drilling Plan | <input type="checkbox"/> Repair Well | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change | | |
| <input type="checkbox"/> Underground Injection Control | | |
| <input type="checkbox"/> Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.) | | |
| <input type="checkbox"/> Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.) | | |
| <input checked="" type="checkbox"/> Other LTOC - REMEDIAL PROCEDURE | | |

- ☐ Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID _____ Pit Name _____

(No Sample Provided)

- ☐ Subsequent well operations with heavy equipment (Rule 312)

(No Well Provided)

COMMENTS:

TEP Rocky Mountain LLC (TEP) respectfully submits for approval a proposed remedial cement procedure for the Federal RG 943-24-299D well, this well has low top of cement and the Form 4 is being submitted to satisfy the ECMC cement COA. Attached is the proposed procedure, current wellbore diagram, wellbore diagram pre-remediation, proposed wellbore diagram post-remediation, final proposed wellbore diagram, and a copy of the CBL. Cement remediation job to occur on 08/08/2024.

Location: Sec 24 T2S R99W
API: 05-103-12675

Casing: 13-3/8" 54.5# J-55 @ 1,346'
9-5/8" 36# J-55 @ 3,280'
5-1/2" 17# HCP-110 @ 9,763'

Top of Cement: 7,040' CBL (TWG CBL - 7/31/2024)

Purpose: Establish sufficient TOC on backside of 5-1/2" production casing

Proposed Procedure

1 Rig up Calfrac on RG 943-24-299D and proceed with frac operations on the lower liles injection interval (includes step rate test and water sample collection) -

Top perforation at 8,160'

2 Wireline set composite 10K bridge plug at 8,550' (50' above lower injection zone top perf)

3 Wireline set composite 10K bridge plug at 7,020' (50' below planned squeeze perforation)

4 Check casing pressure to verify well is static

5 Rig down and release Calfrac

6 Rig up workover rig on RG 943-24-299D

7 Check casing pressure to verify well is static

8 NU and test BOPE

9 Perforate 4 squeeze holes at 6,970'

10 If well is static after perforating, Make up tubing set squeeze retainer on tubing and RIH to 6,920'

11 If well has pressure after perforating, make up wireline set cement retainer and RIH on wireline and set at 6,920'

12 TOOH with wireline

13 Establish injection rates through perforations

14 Pump 85 bbls (238 sacks at 2.01 cuft/sack) of 13.5 ppg Class G cement through squeeze perforations

15 Displace cement with fresh water to cement retainer (Planned estimated TOC at 5,676'). Sting out of retainer with tubing and POOH.

16 Wait on cement 24 hours and run CBL to verify TOC

17 If CBL indicates sufficient TOC, drill out retainer and cement, Rig down and wait for frac crew to finish proposed Williams Fork interval

18 If CBL indicates insufficient TOC, Notify COGCC and BLM of contingency plan

GAS CAPTURE

VENTING AND FLARING:

Operation type: _____ Operational phase requiring venting/flaring: _____

Reason for venting/flaring: _____

Describe Other reason for venting/flaring:

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

Total volume of gas vented or flared: _____ mcf ☐ estimated ☐ measured

Total duration of emission event: _____ hours ☐ consecutive ☐ cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: _____

GAS CAPTURE PLAN

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

A Gas Capture Plan that meets the requirements of Rule 903.e is attached.



CASING PROGRAM

(No Casing Provided)

POTENTIAL FLOW AND CONFINING FORMATIONS

H2S REPORTING

☐ Intentional release of H2S gas due to Upset Condition or malfunction.

☐ Intent to temporarily abandon well with potential H2S concentration >100 ppm.

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million)

Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

OIL & GAS LOCATION UPDATES

OGDP ID _____ OGDP Name _____

SITE EQUIPMENT LIST UPDATES

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells _____	Oil Tanks _____	Condensate Tanks _____	Water Tanks _____	Buried Produced Water Vaults _____
Drilling Pits _____	Production Pits _____	Special Purpose Pits _____	Multi-Well Pits _____	Modular Large Volume Tank _____
Pump Jacks _____	Separators _____	Injection Pumps _____	Heater-Treaters _____	Gas Compressors _____
Gas or Diesel Motors _____	Electric Motors _____	Electric Generators _____	Fuel Tanks _____	LACT Unit _____
Dehydrator Units _____	Vapor Recovery Unit _____	VOC Combustor _____	Flare _____	Enclosed Combustion Devices _____
Meter/Sales Building _____	Pigging Station _____	Vapor Recovery Towers _____		

OTHER PERMANENT EQUIPMENT UPDATES

OTHER TEMPORARY EQUIPMENT UPDATES

CULTURAL AND SAFETY SETBACK UPDATES

OTHER LOCATION CHANGES AND UPDATES

Provide a description of other changes or updates to technical information for this Location:

POTENTIAL OGDG UPDATES

PROPOSED CHANGES TO AN APPROVED OGDG

☐ This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDG:

- ☐ Add Oil and Gas Location(s)
- ☐ Add Drilling and Spacing Unit(s)
- ☐ Amend Oil and Gas Location(s)
- ☐ Amend Drilling and Spacing Unit(s)
- ☐ Remove Oil and Gas Location(s)
- ☐ Remove Drilling and Spacing Unit(s)
- ☐ Oil and Gas Location attachment or plan updates
- ☐ Amend the lands subject to the OGDG
- ☐ Other

Provide a detailed description of the changes being proposed for this OGDG. Attach supporting documentation such as maps if necessary.

Best Management Practices

No BMP/COA Type

Description

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Operator Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: MELISSA LUKE

Title: Regulatory Specialist

Email: MLUKE@TERRAEP.COM

Date: _____

Based on the information provided herein, this Sundry Notice (Form 4) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved:

Date: _____

CONDITIONS OF APPROVAL, IF ANY LIST	
COA Type	Description
0 COA	

General Comments		
User Group	Comment	Comment Date
		Stamp Upon Approval
Total: 0 comment(s)		

ATTACHMENT LIST	
Att Doc Num	Name
403878198	PDF-CEMENT BOND
403878205	PROPOSED PROCEDURE
403878207	WELLBORE DIAGRAM
403878208	WELLBORE DIAGRAM
403878211	WELLBORE DIAGRAM
403878213	WELLBORE DIAGRAM
Total Attach: 6 Files	